



Burlington, OK Winter Canola Performance Trials

Observations:

An excellent stand was achieved in the fall and no winter kill was observed. Plants were 3-4 leaves going into winter dormancy. Only a glyphosate resistant trial was harvest at this location. Overall, seed yields at Burlington averaged 2183 lb/ac in the Glyphosate resistant trial. Plots were lodged by wind 1-2 weeks prior to swathing.

Table 1. Information on soil properties and management practices for Burlington, OK in 2011-2012.

Date Planted	29-Sep		
Soil Moisture at Planting	Dry	Fertilizer Applied (lbs/ac)	
Soil Characteristics/Mgt		Fall Nitrogen	30
Conventional-till Seedbed		Spring Nitrogen	100
Grant Silt Loam		<i>Total Nitrogen</i>	130
Tabler Silty Clay Loam		P ₂ O ₅	0
		K ₂ O	0
		Sulfur	10
Swathed	9-May		
Harvested	21-May		

Table 2. Selected cultivar characteristics and seed yields for the glyphosate tolerant winter canola performance trial at Burlington, OK in 2011-2012.

Cultivar	Company	Fall	Winter	Seed Yield 2011-2012
		Stand Rating [†]	Survival [‡]	
		----- % -----		--- lb/ac ---
46W94	Pioneer Hi-Bred Int	100	100	2821
HYC125W	Croplan Genetics	100	100	2425
KSR07363	Kansas State Univ.	100	100	2375
DKW 44-10	Dekalb	100	100	2252
DKW 46-15	Dekalb	100	100	2183
KSR07352S	Kansas State Univ.	100	100	2121
HYC115W	Croplan Genetics	100	100	2079
DKW 47-15	Dekalb	100	100	2070
HYC154W	Croplan Genetics	100	100	2045
DKW 41-10	Dekalb	100	100	2019
KSR07361	Kansas State Univ.	100	100	1962
46W99	Pioneer Hi-Bred Int	100	100	1839
	Mean			2183
	LSD (P=0.05)			NS
	CV			19

† Fall stand rating was based on ratings taken in November.

‡ Winter survival ratings were taken in the spring after winter dormancy was broken (rated as percent of the plot that survived).